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virtualization "system resource" user isolate OF

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The Architecture of Virtual Machines - all 8 versions »

JE Smith, R Nair - 2005 - doi.ieeecomputersociety.org

... a hosted VM is that a user installs it ... interesting form of system virtualization occurs when ... different partitions, thereby improving system resource utilization ...

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Analysis of the Intel Pentium's ability to support a secure virtual machine monitor - all 10 versions »

JS Robin, CE Irvine - Proceedings of the 9th conference on USENIX Security ..., 2000 - portal acm.org

... Cur- rent "virtualization" techniques for the Intel ... machine monitors allow users to isolate ... result from differences in system resource availability, timing ...

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SNAP: A Protocol for Negotiating Service Level Agreements and Coordinating Resource Management in ... - all 33 versions >

K Czajkowski, I Foster, C Kesselman, V Sander, S ... - 6th Workshop on Job Scheduling Strategies for Parallel ..., 2002 - Springer

... type of resource virtualization is important as it helps implement the trust

relationships that are exploited in Grid applications. The user com-munitytrusts ...

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PlanetLab: an overlay testbed for broad-coverage services - all 14 versions >

B Chun, D Culler, T Roscoe, A Bavier, L Peterson, ... - ACM SIGCOMM Computer Communication Review, 2003 - portal acmorg

... 3.1.1 Virtualization Virtualization is implemented at the ... for ex- ample, allows users

to customize what ... Operating ${\bf system}$ resource limits are a secondary factor ...

Cited by 154 - Related Articles - Web Search - BL Direct

[PDF] A feather-weight virtual machine for windows applications - all 5 versions -

Y Yu, F Guo, S Nanda, L Lam, T Chiueh - ACM/Useníx International Conference On Virtual Execution ..., 2006 - usenix.org

... and scalable, requires less system resource, incurs lower ... Operating system level

virtualization. ... interprocess communications to separate user-space environment ...

<u> Gited by 9 - Related Articles - View as HTML - Web Search</u>

[PDF] A Survey of Virtualization Techniques Focusing on Secure On-Demand Cluster Computing - all 7 versions »

N Kiyanclar - Arxiv preprint cs.OS/0511010, 2005 - arxiv.org

... unit of abstraction of a system resource is inherently ... provides an example where virtualization as discussed ... towards security isolation of user-level processes ...

Cited by 3 - Related Articles - View as HTML - Web Search

Energy resource management in the virtual data center - all 3 versions »

R White, T Abels, D Inc, TX Austin - Electronics and the Environment, 2004. Conference Record, ..., 2004 - ieeexplore.ieee.org

... up-dates of resource usage, users, and policy ... Thirty years ago resource virtualization

drastically changed ... energy as a first class operat- ing system resource. ...

Cited by 2 - Related Articles - Web Search

Multi-dimensional storage virtualization - all 8 versions >

L Huang, G Peng, T Chiueh - ACM SIGMETRICS Performance Evaluation Review, 2004 - portal acm.org

... goals of optimizing system resource utilization efficiency ... Compared with existing

storage virtualization systems, Stonehenge ... the total amount of user data that ...

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Pocket Hypervisors: Opportunities and Challenges - all 6 versions »

LP Cox, PM Chen - Mobile Computing Systems and Applications, 2007. HotMobile 2007 - ieeexplore.ieee.org

... power and balancing application needs and users' privacy, will ... Managing power as

a first class operating system resource. ... Xen and the art of virtualization. ...

Cited by 4 - Related Articles - Web Search

[PDF] Resource virtualization techniques for wide-area overlay networks - all 3 versions >

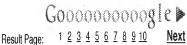
T Chiueh - ECSL Technical Report TR112, Computer Science Dept. Stony ... - ecsl.cs.sunvsb.edu

... focuses specifically on resource virtualization techniques for ... that maximizes the

overall system resource utilization efficiency ... both the kernel and user level ...

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Key authors: K Czajkowski - B Chun - I Foster - C Kesselman - V Sander



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